Phocoena phocoena

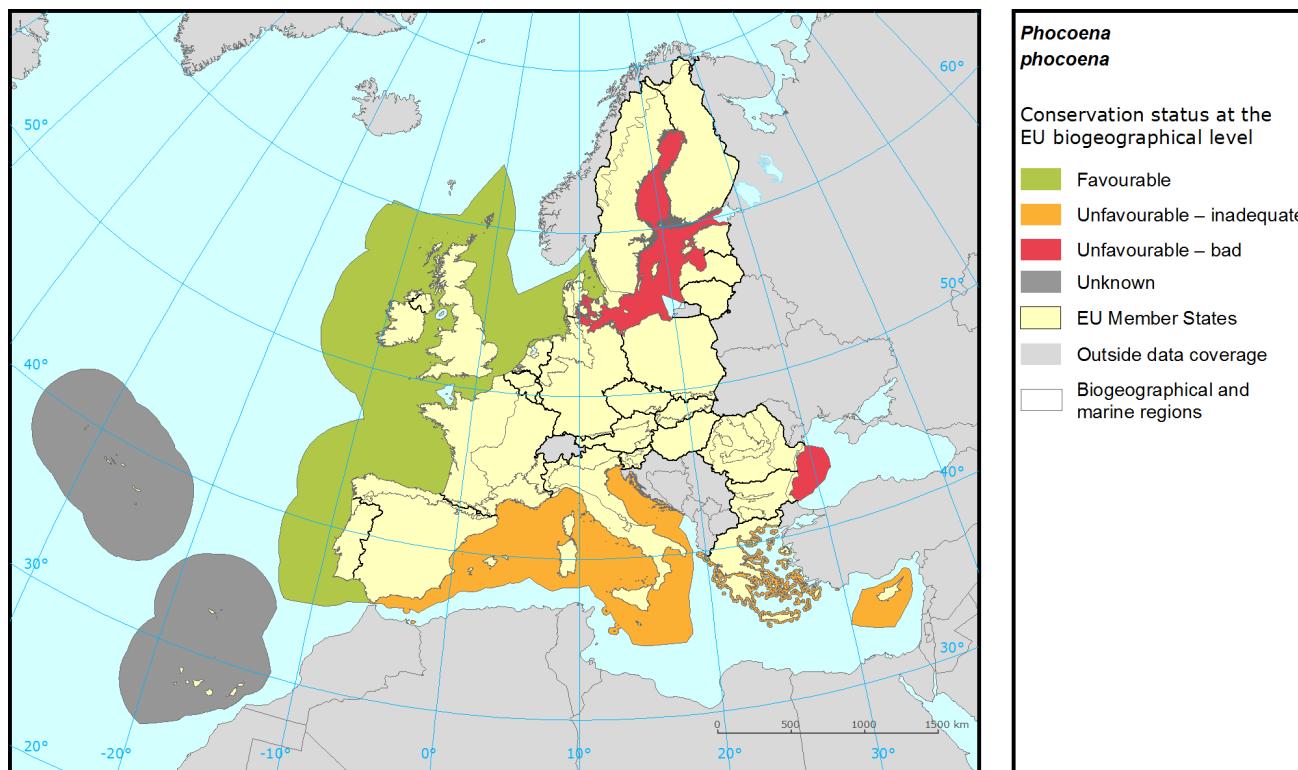|	
Annex	II, IV
Priority	No
Species group	Mammals
Regions	Marine Atlantic, Marine Baltic, Marine Black Sea, Marine Macaronesian, Marine Mediterranean

Phocoena phocoena

The harbour porpoise inhabits the cold temperate to sub-polar continental shelf waters of the marine Baltic and Atlantic regions. It is present as a subspecies, *Phocoena phocoena relicta,* in the Aegean and Marmara seas of the marine Mediterranean region.

In the marine Baltic region the overall assessment is 'unfavourable-bad' due to the species decline in population and habitat and the consequent unfavourable future prospects linked to habitat degradation and fishery interaction threats that the species is exposed to. Equally bad is the situation in the Black Sea Region where species is assessed as 'unfavourable-bad' due to bad future prospects, however information is lacking for all parameters for the Bulgarian part of the area. The 'unfavourable-inadequate' status in the marine Mediterranean region is determined by the critically small population size, its geographical isolation from its neighbouring Black Sea conspecific subspecies population, and the vulnerability to fishery bycatch, intentional killing and reduction in prey availability. The overall assessment in the marine Atlantic region instead, is 'favourable'; despite having small population size and degradation of habitat in large part of the area. The status as 'favourable' is dependent on the reporting of Denmark of habitat as unknown; any other status in Denmark would have resulted in the status being 'inadequate. The species is listed at a global level as 'least concern' in the IUCN Red List of threatened species, while the Mediterranean subspecies is listed as 'endangered' and the Baltic Sea population as Critically endangered.

Species: *Phocoena phocoena*

Report under the Article 17 of the Habitats Directive

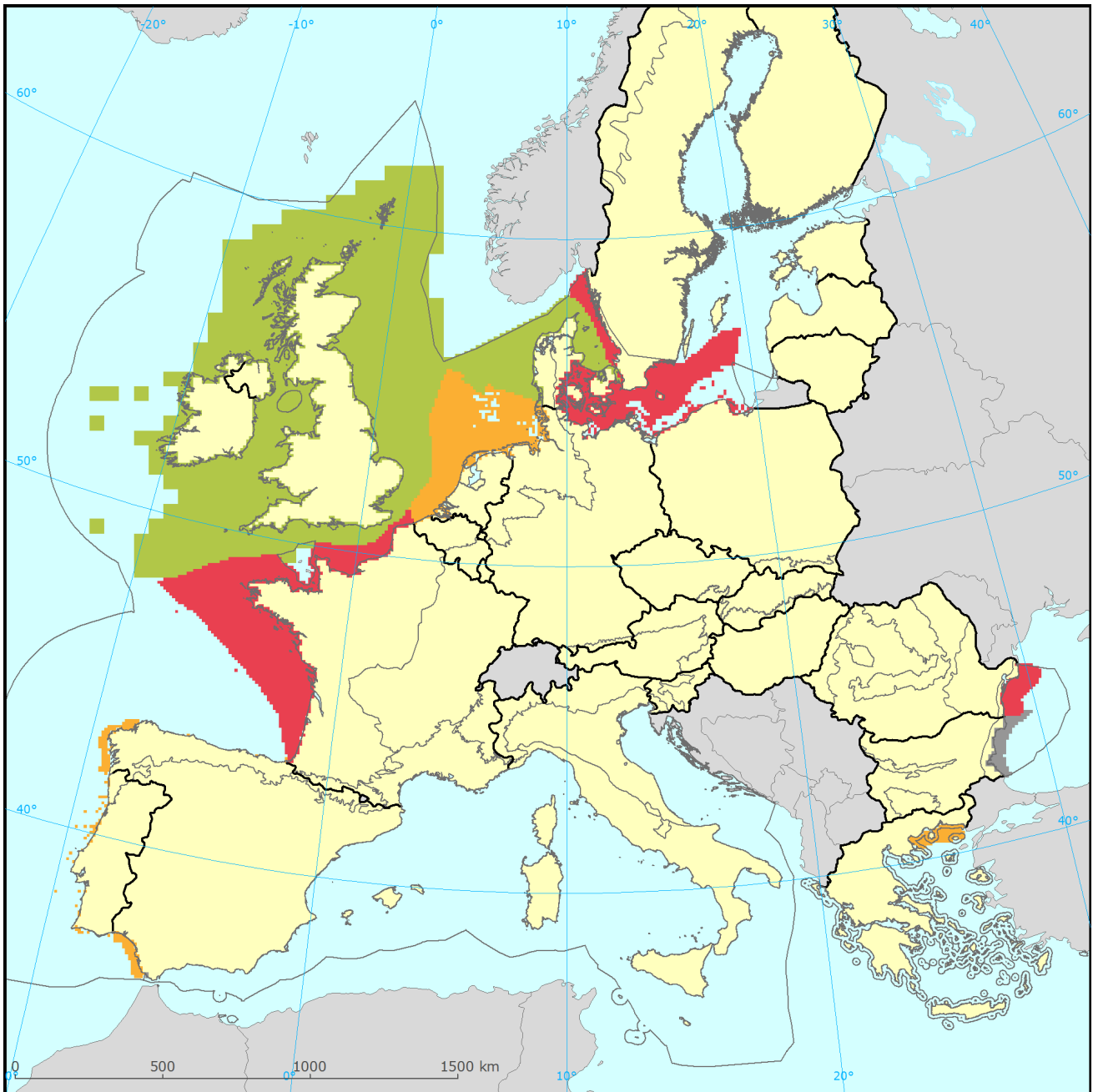## Assessment of conservation status at the European biogeographical level

Phocoena phocoena

Conservation status at the EU biogeographical level

- ■ Favourable (green)
- ■ Unfavourable – inadequate (orange)
- ■ Unfavourable – bad (red)
- ■ Unknown (grey)
- ■ EU Member States (pale yellow)
- ■ Outside data coverage (light grey)
- □ Biogeographical and marine regions

Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
MATL	FV	FV	XX	FV	FV		90	U1	Not genuine
MBAL	FV	U2	XX	U2	U2	x	7	U2	
MBLS	XX	XX	XX	U2	U2	x	2	XX	Not genuine
MMAC					XX			XX	
MMED	FV	XX	U1	U1	U1	x	0.46	U1	

See the endnote for more information[i]

Species: *Phocoena phocoena*

Report under the Article 17 of the Habitats Directive

Assessment of conservation status at the Member State level

Phocoena phocoena

Distribution and conservation status at the Member State level

- 🟩 Favourable
- 🟧 Unfavourable – inadequate
- 🟥 Unfavourable – bad
- ⬜ Unknown
- ⬜ EU Member States
- ⬜ Outside data coverage
- ⬜ Biogeographical and marine regions

The map shows both Conservation Status and distribution using a 10 km x 10 km grid. Conservation status is assessed at biogeographical level. Therefore the representation in each grid cell is only illustrative.

Species: *Phocoena phocoena*

Report under the Article 17 of the Habitats Directive

MS	Region	Conservation status of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
		Range	Population	Habitat	Future prospects					
BE	MATL	FV	FV	FV	U1	U1	=	0.3	U2	Better data
DE	MATL	FV	FV	U1	U1	U1	=	3.1	U1	
DK	MATL	FV	FV	XX	FV	FV		7.1	U2	Better data
ES	MATL	U1	U1	U1	U1	U1	x	1.2	XX	
FR	MATL	FV	U2	XX	XX	U2	x	15.2	XX	Better data
IE	MATL	FV	FV	FV	FV	FV		9.3	FV	
NL	MATL	FV	FV	U1	FV	U1	+	5.4	U2	Genuine
PT	MATL	FV	U1	U1	U1	U1	-	0.4	U1	
SE	MATL	FV	U2	U1	U2	U2	x	1.3	U2-	No data
UK	MATL	FV	FV	FV	FV	FV		56.6	FV	
DE	MBAL	FV	U2	U2	U2	U2	=	12.2	U2	
DK	MBAL	FV	U2	XX	U2	U2	x	42.6	U2	Better data
FI	MBAL									
LV	MBAL	XX	XX	XX	XX	XX			U2	
PL	MBAL	U1	U2	U1	U2	U2	-	8.3	U2	
SE	MBAL	FV	U2	U1	U2	U2	x	36.8	U2-	No data
BG	MBLS	XX	XX	XX	XX	XX		44.5		
RO	MBLS	FV	U1	U1	U2	U2	-	55.5		
ES	MMAC	FV	XX	XX	XX	XX				
ES	MMED	FV	XX	XX	XX	XX			XX	
GR	MMED	XX	XX	U1-	U1-	U1		100.0	U1	

Knowing that not all changes in conservation status between the reporting periods were genuine, Member States were asked to give the reasons for changes in conservation status. Bulgaria and Romania only joined the EU in 2007 and Greece did not report for 2007-12 so no reason is given for change for these countries. Greek data shown above is from 2001-06.

Main pressures and threats reported by Member States

Member States were asked to report the 20 most important threats and pressures using an agreed hierarchical list which can be found on the Article 17 Reference Portal. Pressures are activities which are currently having an impact on the species and threats are activities expected to have an impact in the near future. Pressures and threats were ranked in three classes 'high, medium and low importance'; the tables below only show threats and pressures classed as 'high', for some species there were less than ten threats or pressures reported as highly important.

Ten most frequently reported 'highly important' pressures

Code	Activity	Frequency
F02	Fishing and harvesting aquatic resources	33
H03	Pollution to marine waters	22
H06	Excess energy (noise, light, heating, electromagnetic)	11
F03	Hunting and collection of terrestrial wild animals	8
D03	Shipping lanes and ports	6
C01	Mining and quarrying	3
C03	Production of renewable energy (abiotic)	3
G04	Military use and civil unrest	3
H01	Pollution to surface waters	3
H07	Other forms of pollution	3

Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
F02	Fishing and harvesting aquatic resources	33
H03	Pollution to marine waters	21
H06	Excess energy (noise, light, heating, electromagnetic)	12
C03	Production of renewable energy (abiotic)	6
D03	Shipping lanes and ports	6
C01	Mining and quarrying	3
F03	Hunting and collection of terrestrial wild animals	3
G04	Military use and civil unrest	3
H01	Pollution to surface waters	3
H07	Other forms of pollution	3

Proportion of population covered by the Natura 2000 network

For species listed in the Annex II of the Directive Member States were asked to report the population size within the Natura 2000 network. The percentage of species population covered by the network was estimated by comparing the population size within the network and the total population size in the biogeographical/marine region.

Percentage of coverage by Natura 2000 sites in biogeographical/marine region

	MATL	MBAL	MBLS
BE	24		
BG			x
DE	40	32	
DK	x	x	
ES	3		
FR	100		
IE	100		
NL	100		
PL		100	
PT	x		
RO			33
SE	0	0	
UK	3		

See the endnotes for more information[ii]

Most frequently reported conservation measures

For species listed in the Annex II of the Directive Member States were asked to report up to 20 conservation measures being implemented for this species using an agreed list which can be found on the Article 17 Reference Portal. Member States were further requested to highlight up to five most important ('highly important') measures; the table below only shows measures classed as 'high', for many species there were less than ten measures reported as highly important.

Ten most frequently reported 'highly important' conservation measures

Code	Measure	Frequency
6.3	Legal protection of habitats and species	24
6.1	Establish protected areas/sites	16
5.0	Other marine-related measures	11
7.3	Regulation/ Management of fishery in marine and brackish systems	11
9.2	Regulating/Managing exploitation of natural resources on sea	11
7.0	Other species management measures	8
5.1	Restoring marine habitats	5
7.1	Regulation/ Management of hunting and taking	5
8.3	Managing marine traffic	5
4.1	Restoring/improving water quality	3

This information is derived from the Member State national reports submitted to the European Commission under Article 17 of the Habitats Directive in 2013 and covering the period 2007-2012. More detailed information, including the MS reports, is available at:
http://bd.eionet.europa.eu/article17/reports2012/species/summary/?group=Mammals&period=3&subject=Phocoena+phocoena

[i]**Assessment of conservation status at the European biogeographical level:** Current Conservation Status (Current CS) shows the status for the reporting period 2007-2012, Previous Conservation Status (Previous CS) for the reporting period 2000-2006. Reason for change in conservation status between the reporting periods indicates whether the changes in the status were genuine or not genuine. Previous Conservation Status was not assessed for Steppic, Black Sea and Marine Black Sea regions. For these regions the Previous status is therefore considered as 'unknown'. The percentage of the species population occurring within the biogeographical/marine region (% in region) is calculated based on the area of GIS distribution.

[ii]**Percentage of coverage by Natura 2000 sites in biogeographical/marine region:** In some cases the population size within the Natura 2000 network has been estimated using a different methodology to the estimate of overall population size and this can lead to percentage covers greater than 100%. In such case the value has been given as 100% and highlighted with an asterisk (*). The value 'x' indicates that the Member State has not reported the species population and/or the coverage by Natura 2000. No information is available for Greece. The values are only provided for regions, in which the occurrence of the species has been reported by the Member States.